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- Applicant: STERLING WINTHROP INC. 90 Park Avenue New York, NY 10016 (US)
- Inventor: Na, George C, c/o Sterling Winthrop Inc.
 Patent Department,
 90 Park Avenue
 New York, New York 10016 (US)
 Inventor: Rajagopalan, Natarajan, c/o Sterling Winthrop Inc.
 Patent Department,
 90 Park Avenue
 New York, New York 10016 (US)
- Representative: Haile, Helen Cynthia et al Kodak Limited Patent Department Headstone Drive Harrow, Middlesex HA1 4TY (GB)
- Novel formulations for nanoparticulate X-ray blood pool contrast agents using high molecular weight surfactants.
- (57) A composition comprising nanoparticles containing an x-ray diagnostic compound, having a high molecular weight surfactant as a surface modifier adsorbed on the surface thereof and a cloud point modifier associated therewith and methods of making nanoparticles is described. A preferred surfactant is poloxamine and preferred cloud point modifiers include dimyristoylphosphatidylglycerol and dioctylsulfosuccinate. A method for diagnostic imaging for use in medical procedures comprising administering to the body of a test subject in need of an x-ray an effective contrast producing amount of the above composition is also described.



EUROPEAN SEARCH REPORT

Application Number EP 93 20 3351

Category	Citation of document with of relevant p	indication, where appropriate, assages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CL5)
D,A	EP-A-0 498 482 (STI * page 3, line 18 * * page 7, line 1 - * page 10, line 26 * page 11, line 1	line 38 * - line 43 *	1-20	A61K49/04
E	EP-A-O 601 619 (STE * page 2, line 53 - * page 5, line 15 - & NO-A-934 144	ERLING WINTHROP INC.) page 3, line 18 * line 25 *	1-9, 14-20	
	EP-A-O 601 618 (STE * page 1, line 50 - * page 4, line 43 - & FI-A-935 305	•	1-11, 14-20	
	* page 2, line 54 -	RLING WINTHROP INC.) page 3, line 16 * line 52; claims 1-3 *	1-20	TECHNICAL FIELDS SEARCHED (Int.Cl.5)
	* page 2, line 42 - * page 3, line 2 -	RNLING WINTHROP INC.) line 56 * line 12 * line 23; example 1 *	1-9, 12-20	A61K
	The present search report has be	en drawn up for all claims	1	
	Place of search	Date of completion of the search		Executar
	THE HAGUE	25 October 1994	Ber	te, M
X : partic Y : partic docum A : techno	ATEGORY OF CITED DOCUMEN miarly relevant if taken alone miarly relevant if combined with ano- nent of the same category ological background written disclosure	E : earlier patent de after the filing of the D : document cited L : document cited	cument, but publicate In the application	shed on, or

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